

AT-2700 Series, Fast Ethernet PCI Adapter Cards

AT-2700TX, 10/100Mbps Fast Ethernet UTP PCI adapter card

AT-2700FX, 100Mbps Fast Ethernet fiber PCI adapter card (Low profile card option available)

AT-2700FTX, Fiber Fast Ethernet + UTP Fast Ethernet adapter card (Low profile card option available)



KEY FEATURES

Advanced diagnostics

Advanced installation utility

PXE remote
booting available

Traffic and
troubleshooting LEDs

Support for all popular
Operating systems

Fault Tolerant driver support

ACPI/Wake On Lan
(WOL) support

Copper and fiber ports
for flexibility (AT2700FTX only)

User guide

Lifetime warranty

CHOICE & FLEXIBILITY

Allied Telesyn's AT-2700 series of PCI Fast Ethernet adapters include dedicated copper and fiber versions, as well as a combination copper/fiber card for mixed cabling environments.

- AT-2700FX - for fiber only networks requiring a high-performance Fast Ethernet card.
- AT-2700TX - for copper only networks.
- AT-2700FTX - for environments where 100Mbps fiber co-exists with 10/100Mbps copper cabling. This is a common occurrence in networks that deploy fiber to increase certain segment lengths or to protect data integrity in high emissions areas such as manufacturing. By having both 100Mbps fiber and 10/100Mbps copper connectors on a single card, network administrators need only open a PC case once and install the AT-2700FTX card. The PC may then be deployed and re-deployed quickly and cost-effectively, regardless of the cabling connection.

STANDARD & LOW-PROFILE FORMATS

The AT-2700FX and AT-2700FTX adapters are available in both traditional and new low-profile PCI formats. The new low-profile format uses a smaller 2.5" access slot, rather than the traditional 4.2" slot. Low-profile designs are being adopted by all the major PC manufacturers in order to offer smaller desktop systems with expansion capabilities equivalent to, or better than, previous-generation systems.

PERFORMANCE

Allied Telesyn PCI bus adapter cards are designed to get the maximum performance from your PC. By off-loading almost all of the Fast Ethernet networking functions to the adapter card, the CPU in a computer is free to run applications faster. The card also operates in both full and half-duplex modes, allowing the user to double the performance of the network.

STANDARDS BASED

The AT-2700 series of Fast Ethernet network adapter cards support Microsoft's latest standards, including ACPI, OnNow power management and DMI network management functions. AT-Setup, Allied Telesyn's user-friendly installation utility, simplifies installation under Windows 98, ME, 2000 and XP.

DRIVERS & SUPPORT

Users of Allied Telesyn adapters can find drivers, firmware updates, other software and documentation at Allied Telesyn's web site free of charge, 24 hours a day. Allied Telesyn's online knowledge base also provides an interactive tool for identifying solutions to customer's technical issues.

ABOUT ALLIED TELESYN, INC.

Allied Telesyn, Inc. leads the world in network technologies for the access edge. Since the company's inception in 1987, Allied Telesyn has been developing IP-based network products for use in video, voice and data networks at the metro edge, in education, government agencies and across the enterprise. Allied Telesyn's access, aggregation and core transport technologies range from simple Ethernet adapters, hubs and media converters to robust multi-layer Gigabit Ethernet switches and routers, wireless systems, DTM and WDM transport solutions for delivering real-time voice, video and data. Allied Telesyn's comprehensive support and professional service programs are suited to meet the growing demands of today's switched broadband infrastructures.

www.alliedtelesyn.com

ADAPTERS



Allied Telesyn
Simply connecting the IP world

AT-2700 Series, Fast Ethernet PCI Adapter Cards

STATUS INDICATORS

UTP Ports:	
Link	Solid on indicates valid link to hub or switch
Activity	Flashing indicates network activity
Speed	Solid on indicates 100Mbps operation
Duplex	Solid on indicates full duplex operation

PC BUS INTERFACE

Bus Interface	PCI Bus 2.1 Compliant
Bus Width	32 bit
Data Transfer mode	PCI 2.1 Bus Mastering
Network Mng. Interface	DMI 2.0 Support
Power Mng. Interface	ACPI

UTP INTERFACE

Connector Shielded	RJ-45, MDI
--------------------	------------

100MBPS FIBER INTERFACE

Connectors	ST, SC, MT-RJ or VF-45
Fiber type	62.5/125µM multi-mode fiber
Output Power	Min -19dB, Typical -16.8dB, Max -14dB

DRIVER SUPPORT

16 bit ODI	Netware workstation
32 bit ODI	Netware server
NDIS 2.0.1	MSDOS client
NDIS 3.0 miniport	Win95 retail
NDIS 4.0	NT 4.0, Win95 OSR2
NDIS 4.0	Fault Tolerance
NDIS 5.0	Win98, Win2000, WinME, WinXP

POWER CHARACTERISTICS

5vDC at 5W (typical)

ENVIRONMENTAL SPECIFICATIONS

Operating Temp.	10°C to -55°C
Relative Humidity	5% to 80% noncondensing

PHYSICAL CHARACTERISTICS

Dimensions	10.7cm x 15.3cm (4.2" x 6.4") half size form factor
Weight	120g (4.2oz)

AT-2700 series low profile cards:
Dimensions 6.5cm x 14.3cm

STANDARDS COMPLIANCE

IEEE 802.3u	10T & 100TX
IEEE 802.3u	100FX

ELECTRICAL/MECHANICAL APPROVALS

FCC class B
VDE class B
CE

ORDERING INFORMATION

AT-2700TX

10/100Mbps Autosensing UTP Adapter Card

AT-2700FX/AA

Adapter card with one 100FX connection

AT-2700FX/LP/AA

Low profile adapter card
with one 100FX connection

AT-2700FTX/AA

Adapter card with one 100FX
and one 10/100TX connection

AT-2700FTX/LP/AA

Low profile adapter card with one 100FX
and one 10/100TX connection

Where AA =
ST, SC, MT-RJ or VF-45

20 packs are available for additional savings

USA Headquarters: 19800 North Creek Pkwy, Suite 200, Bothell, WA 98011, USA • Tel: 800.424.4284 • Fax: 425.481.3895
European Headquarters: Via Motta 24, 6830 Chiasso, Switzerland • Tel: +41 (91) 697.69.00 • Fax: +41 (91) 697.69.11

www.alliedtelesyn.com

© 2002 Allied Telesyn, Inc. All rights reserved. Information in this document is subject to change without notice.
All company names, logos, and product designs that are trademarks or registered trademarks are the property of their respective owners.

617-00349-00 Rev. B

 **Allied Telesyn**
Simply connecting the  world